

Claims

1. Machine for transfer pattern printing of a textile web (7), said machine comprising a centre roller (1), at least one pressure roller (2), a tension roller (3), a reversing roller (4) and an endless belt (5), which is of a width substantially corresponding to the length of the pressure roller (2) and which extends about the tension roller (3) and the reversing roller (4), and where a first portion (8) of the periphery of said pressure roller (2) abuts and exerts a pressure on said centre roller (1) with the result that a pre-printed pattern-carrying web (6) and the textile web (7) are subjected to a local compression because said preprinted pattern-carrying web and said textile web are in contact with one another and pass between said centre roller (1) and said pressure roller (2), characterised in that the endless belt (5) is guided around a second portion (9) of the periphery of the pressure roller (2), said second portion (9) being positioned substantially diametrically opposite the first portion (8) of said periphery of the pressure roller (2), whereby the pressure exerted by the pressure roller (2) on the centre roller (1) is adjustable by an adjustment of the tension in the endless belt (5) by means of the tension roller (3).
2. Machine as claimed in claim 1, characterised in that the endless belt (5) is guided around a substantial portion of the periphery of the centre roller (1) and through the nip between the pressure roller (2) and said centre roller (1).
3. Machine as claimed in claim 1 or 2, characterised in that the endless belt (5) is made of a waterproof, essentially non-stretchable material.
4. Machine as claimed in claims 1 to 3, characterised in that the endless belt (5) is made of an aramide-fibre reinforced rubber blanket.
5. Machine as claimed in claims 1 to 4, characterised in that the machine comprises two pressure rollers (2).

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6. Machine as claimed in claims 1 to 5, characterised in that one or more of the rollers (1, 2, 3, 4), preferably the reversing roller (4), comprise(s) a convex surface.

7. Machine as claimed in claims 1 to 6, characterised in that the reversing roller (3) is driving.

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